

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026453.D
 Acq On : 30 Aug 2018 17:43
 Operator : MD/SY
 Sample : J4691-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	143573	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	135823	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42044	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.52%
7) Chloroethane-d5	1.68	69	38105	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	58608	29.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.52%#
21) 2-Butanone-d5	4.18	46	67743	98.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	4.65	84	75806	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.31	65	52632	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
32) Benzene-d6	5.35	84	150342	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
36) 1,2-Dichloropropane-d6	6.33	67	51666	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.57	98	136051	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%
43) trans-1,3-Dichloropropene-	7.85	79	22589	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.31	63	49117	99.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73496	46.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	53566	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

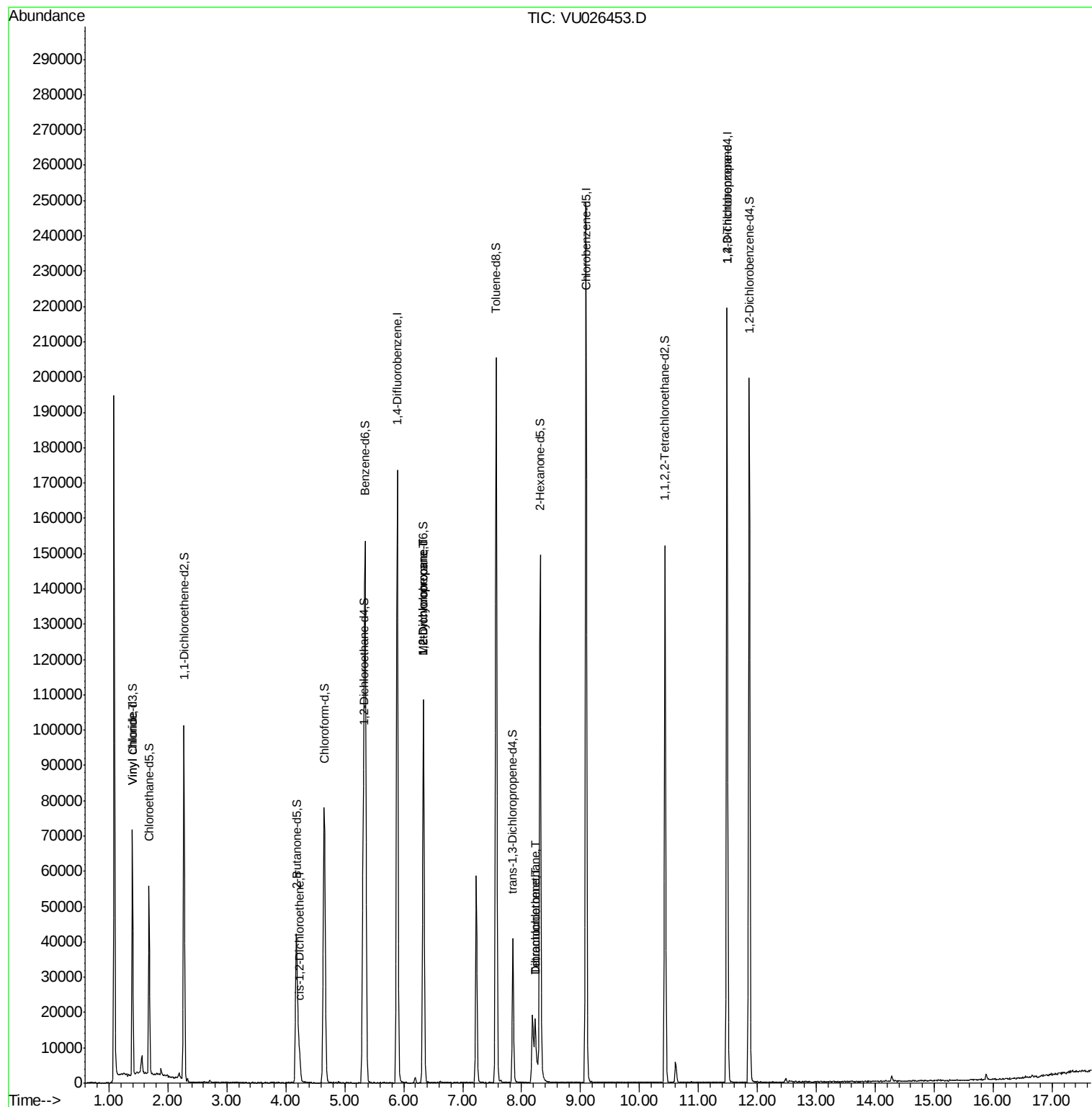
					Ovalue
5) Vinyl chloride	1.40	62	2676	1.786 ug/L #	54
20) cis-1,2-Dichloroethene	4.23	96	3430	3.303 ug/L	84
35) Methylcyclohexane	6.33	83	11721	7.685 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5770	5.353 ug/L #	88
46) Tetrachloroethene	8.23	164	2652	3.321 ug/L	96
49) Dibromochloromethane	8.23	129	2490	2.238 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6414	4.768 ug/L #	82

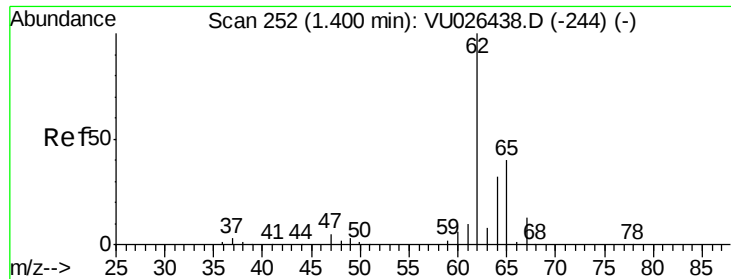
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.786 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026453.D

Acq: 30 Aug 2018 17:43

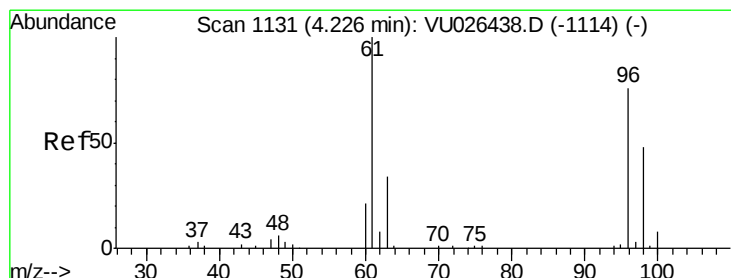
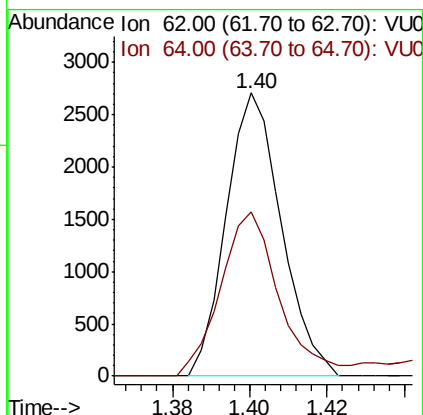
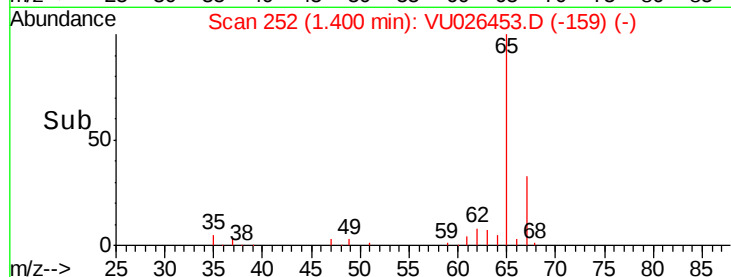
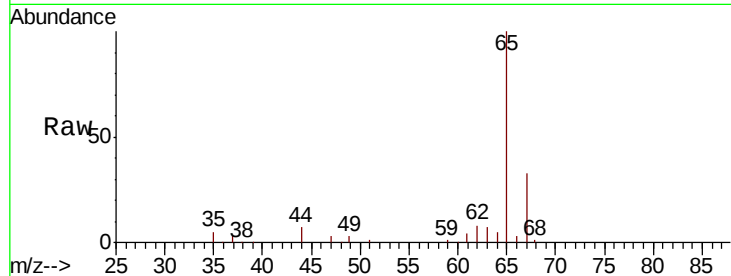
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 62 Resp: 2676

Ion Ratio Lower Upper

62 100

64 57.9 22.4 41.6#



#20

cis-1,2-Dichloroethene

Concen: 3.303 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VU026453.D

Acq: 30 Aug 2018 17:43

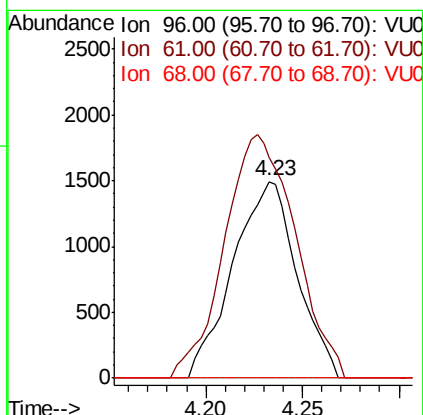
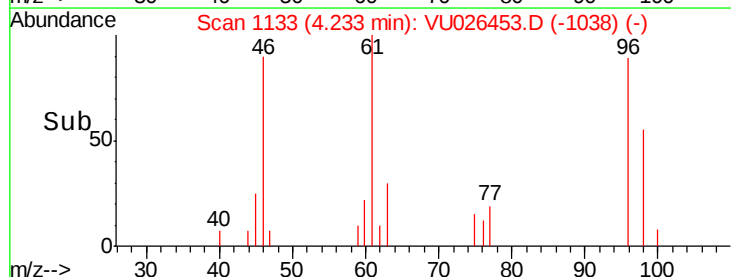
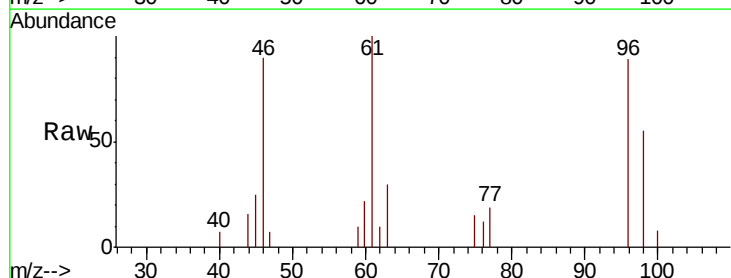
Tgt Ion: 96 Resp: 3430

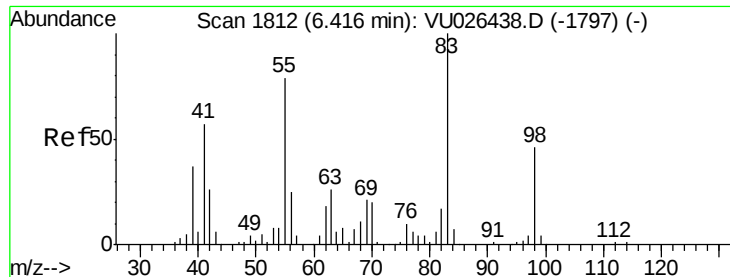
Ion Ratio Lower Upper

96 100

61 111.9 91.6 170.2

68 0.0 0.0 0.0

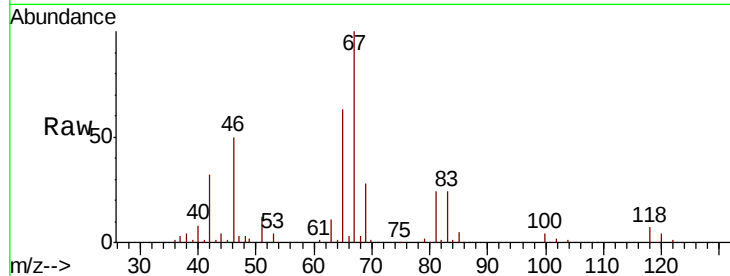




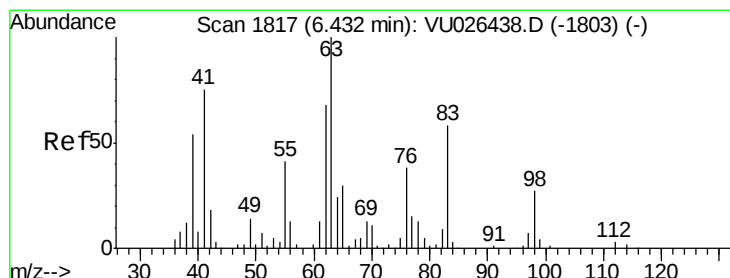
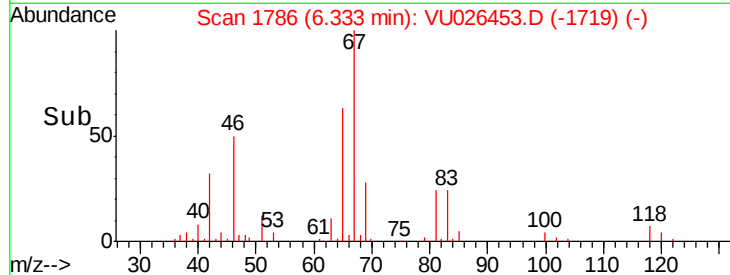
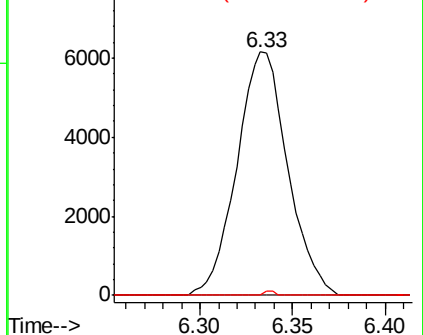
#35
Methylcyclohexane
Concen: 7.685 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026453.D
Acq: 30 Aug 2018 17:43

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 11721
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.4 36.7 55.1#

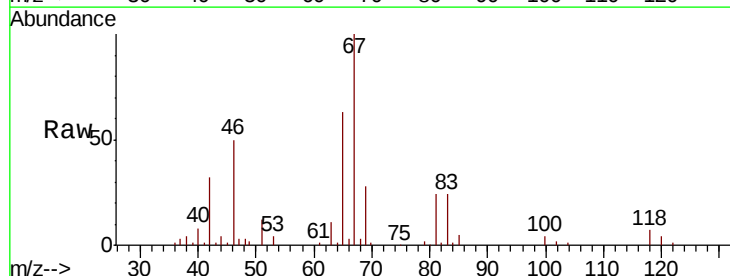


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

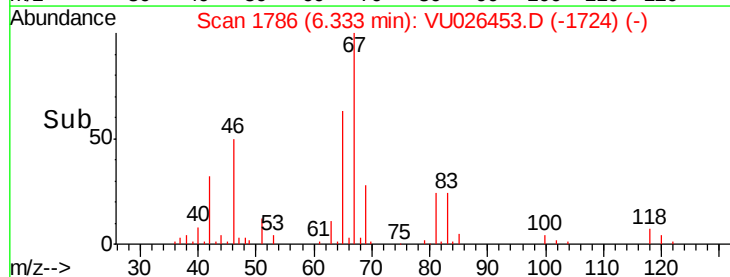
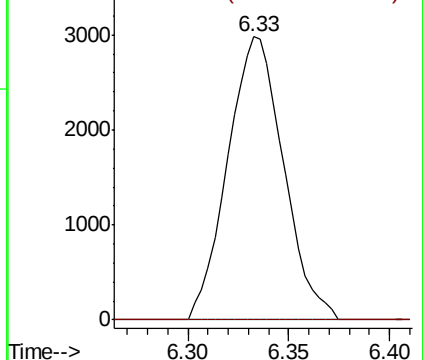


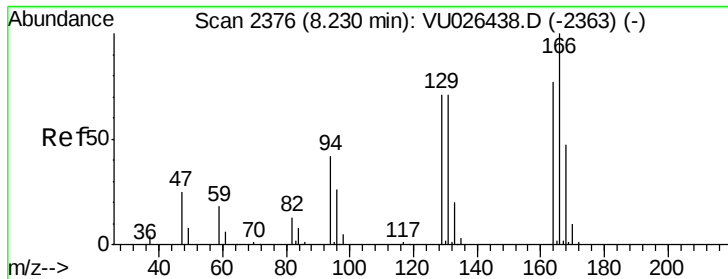
#37
1,2-Dichloropropane
Concen: 5.353 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026453.D
Acq: 30 Aug 2018 17:43

Tgt Ion: 63 Resp: 5770
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

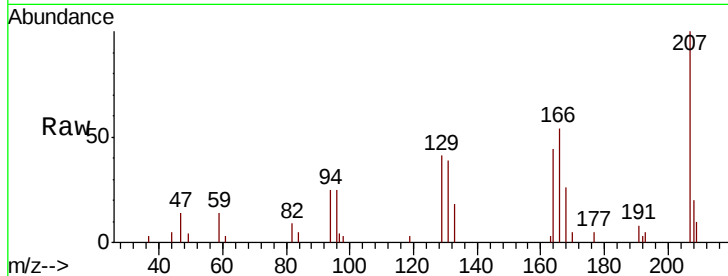




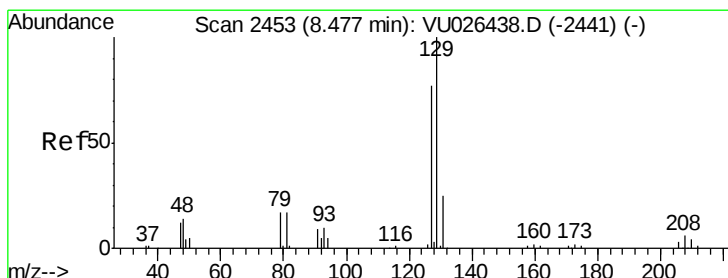
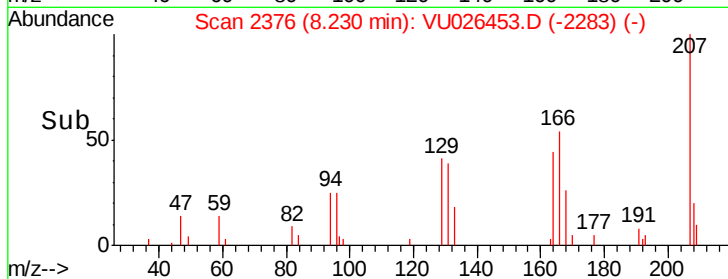
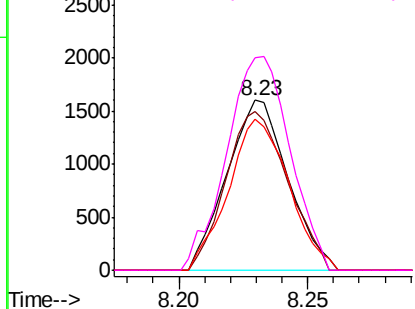
#46
Tetrachloroethene
Concen: 3.321 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026453.D
Acq: 30 Aug 2018 17:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 2652
Ion Ratio Lower Upper
164 100
129 93.1 67.3 125.1
131 88.6 65.3 121.3
166 124.9 90.9 168.7

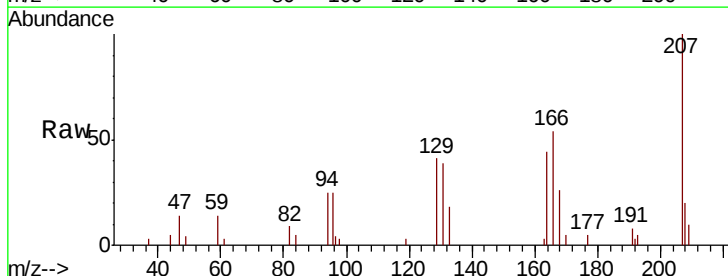


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

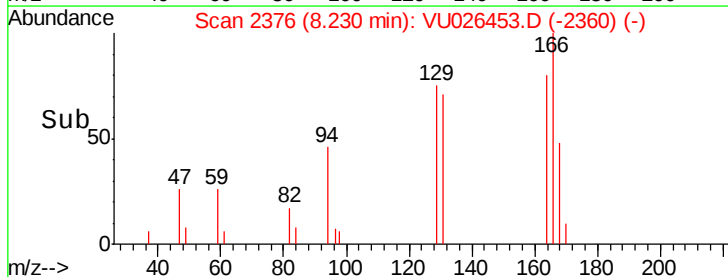
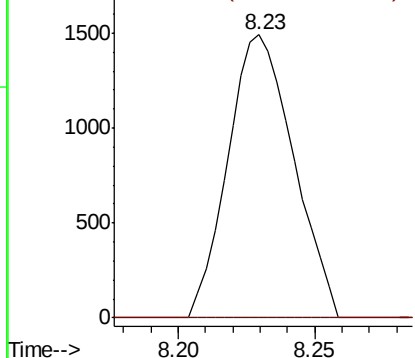


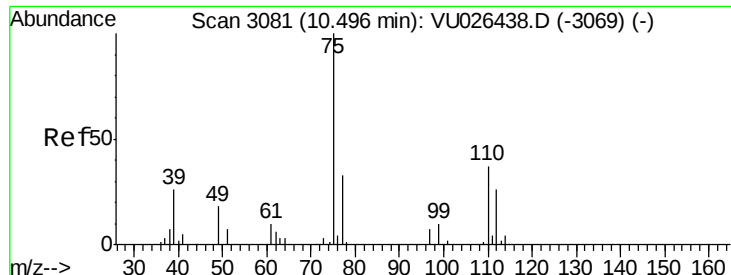
#49
Dibromochloromethane
Concen: 2.238 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026453.D
Acq: 30 Aug 2018 17:43

Tgt Ion:129 Resp: 2490
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.768 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026453.D

Acq: 30 Aug 2018 17:43

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6414

Ion Ratio Lower Upper

75 100

77 41.2 25.0 37.6#

